

12

EUROPEAN PATENT APPLICATION

21 Application number: 88113988.5

51 Int. Cl.⁵: **C12M 1/40**

22 Date of filing: 26.08.88

30 Priority: 27.08.87 JP 213783/87

43 Date of publication of application:
01.03.89 Bulletin 89/09

84 Designated Contracting States:
BE DE FR GB

88 Date of deferred publication of the search report:
26.09.90 Bulletin 90/39

71 Applicant: **Tosoh Corporation**
4560, Oaza Tonda
Shinnanyo-shi Yamaguchi-ken(JP)

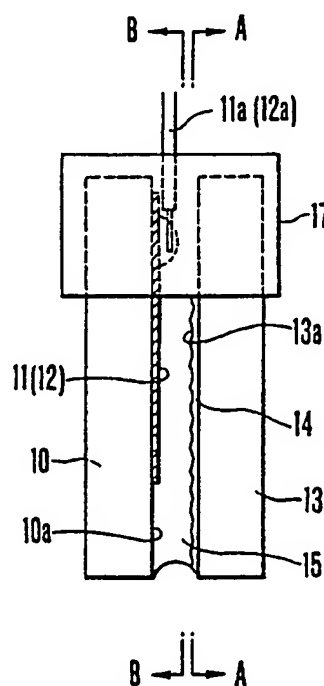
72 Inventor: **Kagayama, Toshi**
35-21, Sakurada Midori-ku
Yokohama-shi Kanagawa-ken(JP)

74 Representative: **Vossius & Partner**
Slebertstrasse 4 P.O. Box 86 07 67
D-8000 München 86(DE)

54 **Biosensor.**

57 A biosensor comprises at least a pair of flat plates (10, 13) placed opposingly to each other forming fine spacing therebetween, a physiologically active substance (14) fixed on a surface of one of the plates (13) facing the space, and a first transducer (11, 12) responsive to a chemical substance provided on a surface of the other plate (10) facing the space wherein the space is utilized for accommodating a sample solution

FIG. 1(a)



EP 0 304 947 A3



EP 88 11 3988

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP-A-170375 (UNILEVER NV) * page 15, lines 1 - 10 * * page 20, lines 6 - 20 * * page 22, lines 7 - 32 * * claims 1-3, 6, 7, 11; figures * ---	1-3	C12M1/40 G01N27/00
A	SENSORS AND ACTUATORS, vol. 11, no. 4, May 1987, LAUSANNE CH pages 309- - 317; TAKATSU et al.: "SOLID STATE BIOSENSORS USING THIN-FILM ELECTRODES" * page 310, paragraph 2.1; figures 1, 3 * ---	1-3	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 327 (P-513)(2383) 07 November 1986, & JP-A-61 133853 (NEC CORP) 21 June 1986, * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C12M G01N C12Q
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 JULY 1990	Examiner EPAILLARD P.J.H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document	